SAFETY DATA SHEET: FLUORESCEIN, Sodium

1. IDENTIFICATION
Product Name: FLUORESCEIN, Sodium
Synonyms: Acid Yellow #73; Uranine; Cl#:45350
Formula and Formula Weight: C20H10O5Na2 376.28
Integra numbers beginning with: F580.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION
OSHA Classification: None identified
Hazards Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS
Component | Synonyms | CAS # | % Weight
Fluorescein, sodium salt | Acid yellow #73; Uranine; Cl#:45350 | 00518-47-8 | 100

4. FIRST AID MEASURES
Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with water for at least 15 minutes. Seek immediate medical attention.
Skin Contact: Wash with soap and water. Seek medical attention if irritation develops.
Ingestion: If conscious, rinse mouth and give victim large amounts of water. Seek medical attention.
Additional notes: Symptoms and effects include skin, eye, respiratory irritation; dermatitis.

5. FIRE-FIGHTING MEASURES
Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: Fire conditions may liberate toxic and noxious fumes.
Hazardous combustion products: Oxides of nitrogen, oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES
Spill Procedures: Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

7. HANDLING AND STORAGE
Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage. Protect from direct light and minimize contact with air.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION
OSHA & ACGIH Exposure Limits:
Fluorescein, sodium salt | None identified

Engineering Controls: Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.
Respiratory Protection: If use generates annoying or irritating dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.
Skin/Eye Protective Equipment: Safety goggles, protective clothing and gloves appropriate for the risk of exposure.
Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers. Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Dark orange red powder
Odor: Odorless
Odor Threshold: Not available
pH: About 8.3 for a 1% solution at 20°C
Melting/Freezing Point: >300 °C
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
10. STABILITY AND REACTIVITY

Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Excessive heat and exposure to light. Moisture.
Incompatibles: Incompatible with strong acids and strong oxidizers.
Decomposition Products: Oxides of nitrogen, oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Effects of Over Exposure:
Inhalation: Inhalation may irritate the nose, throat and upper respiratory tract.
Skin Contact: May cause skin irritation. Prolonged contact may cause dermatitis.
Eye Contact: Contact may be irritating to the eyes.
Ingestion: May be harmful if swallowed.
Chronic Effects: None identified
Target Organs: None identified
Additional Effects: None identified
Reproductive Effects: None identified
Carcinogenicity: None identified
Toxicity Data:
Fluorescein, sodium salt  LD50 (oral, rat)  6721 mg/kg

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Data: Terrestrial Toxicity Data:
Fluorescein, sodium salt
LC50 Rainbow trout: 1372 mg/L - 96h  No information available
Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

This product is not a regulated material for domestic ground transporation.

Environmental hazards: No information available
Special precautions: No information available
Bulk transport: No information available

15. REGULATORY INFORMATION

Fluorescein, sodium salt is listed in the TSCA inventory.

16. OTHER INFORMATION

OSHA SDS #: 25660 rev 101  3/27/2015

NE = Not established, NA = Not applicable or Not available
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***** END OF SDS *****